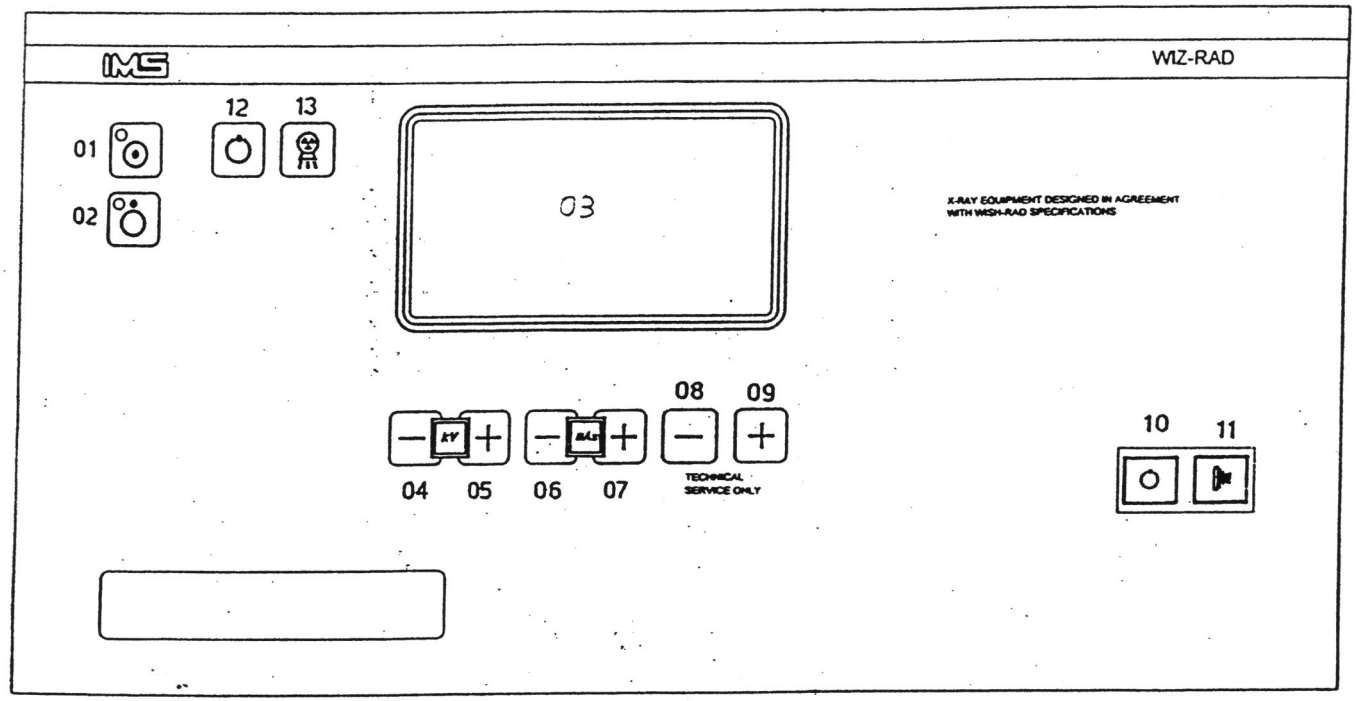
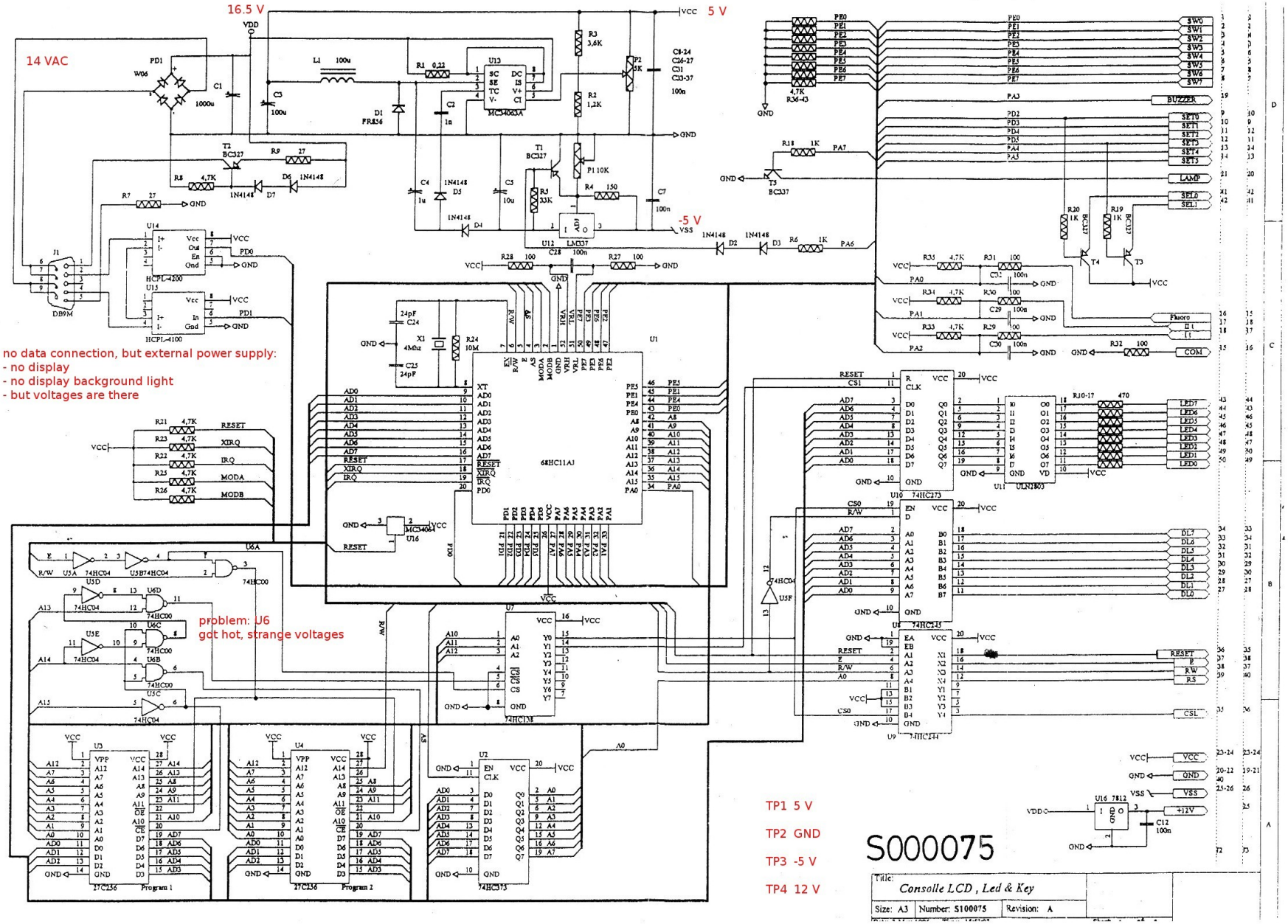
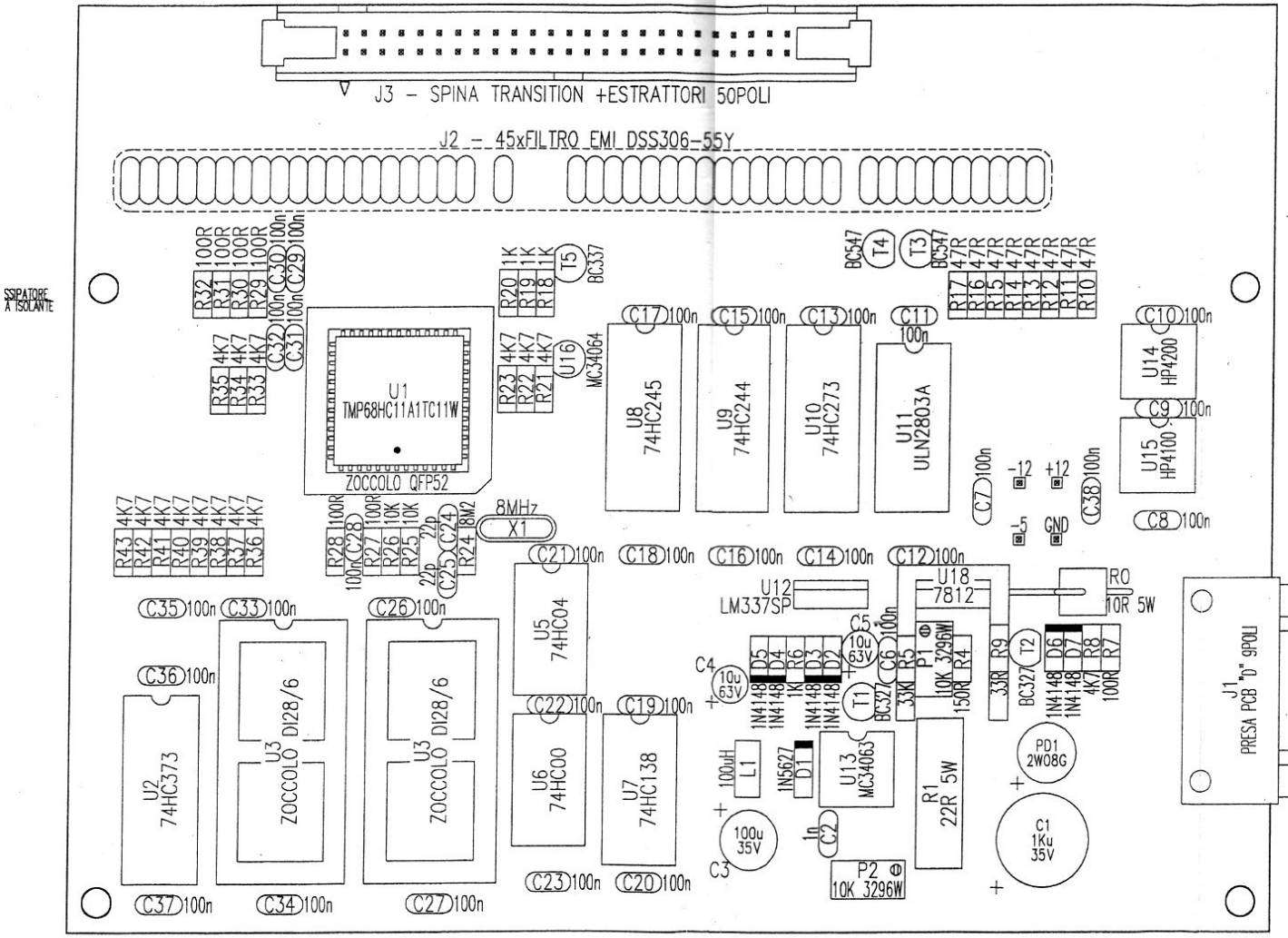
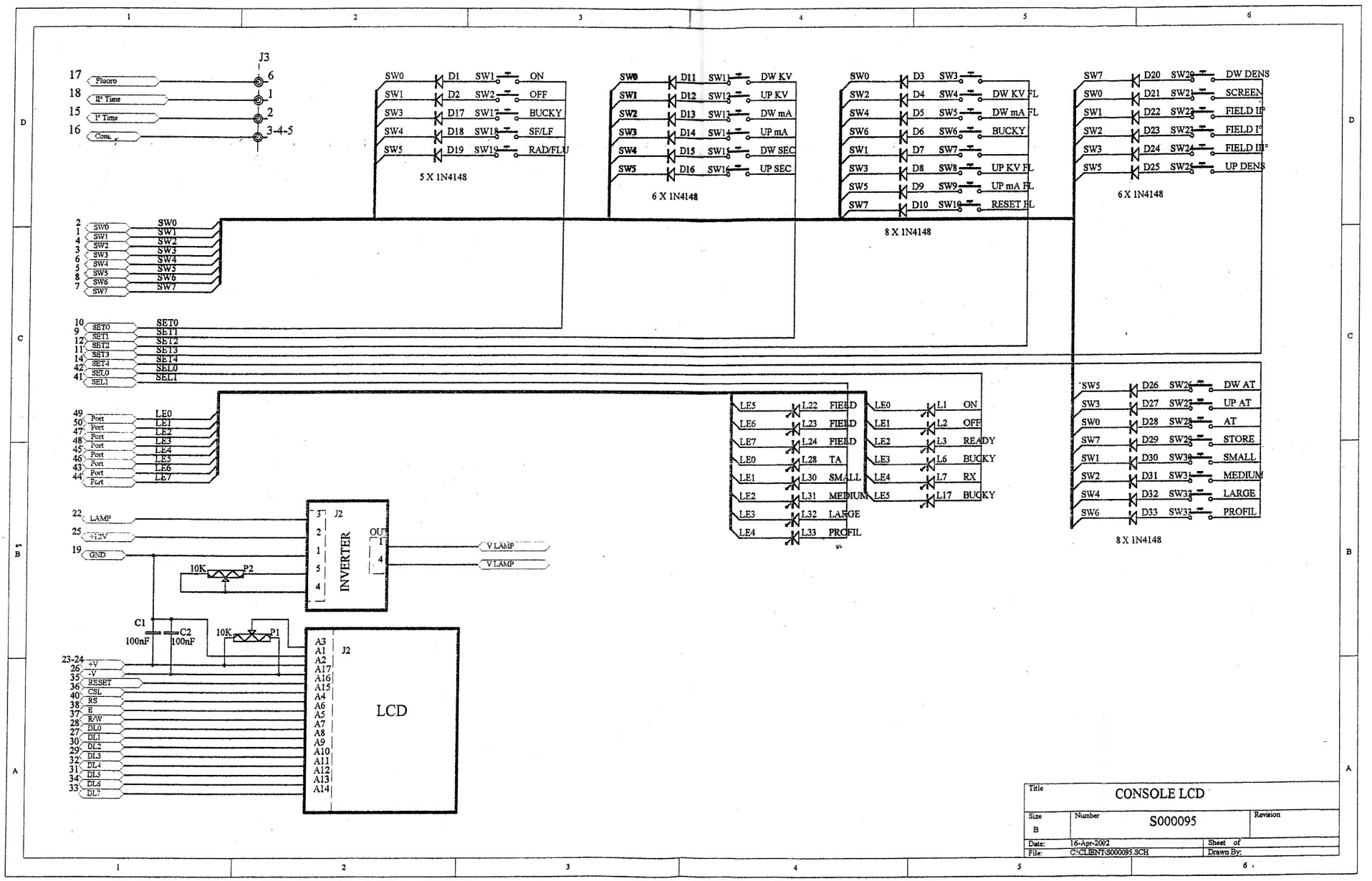
IMS WIZARD Examination Stand

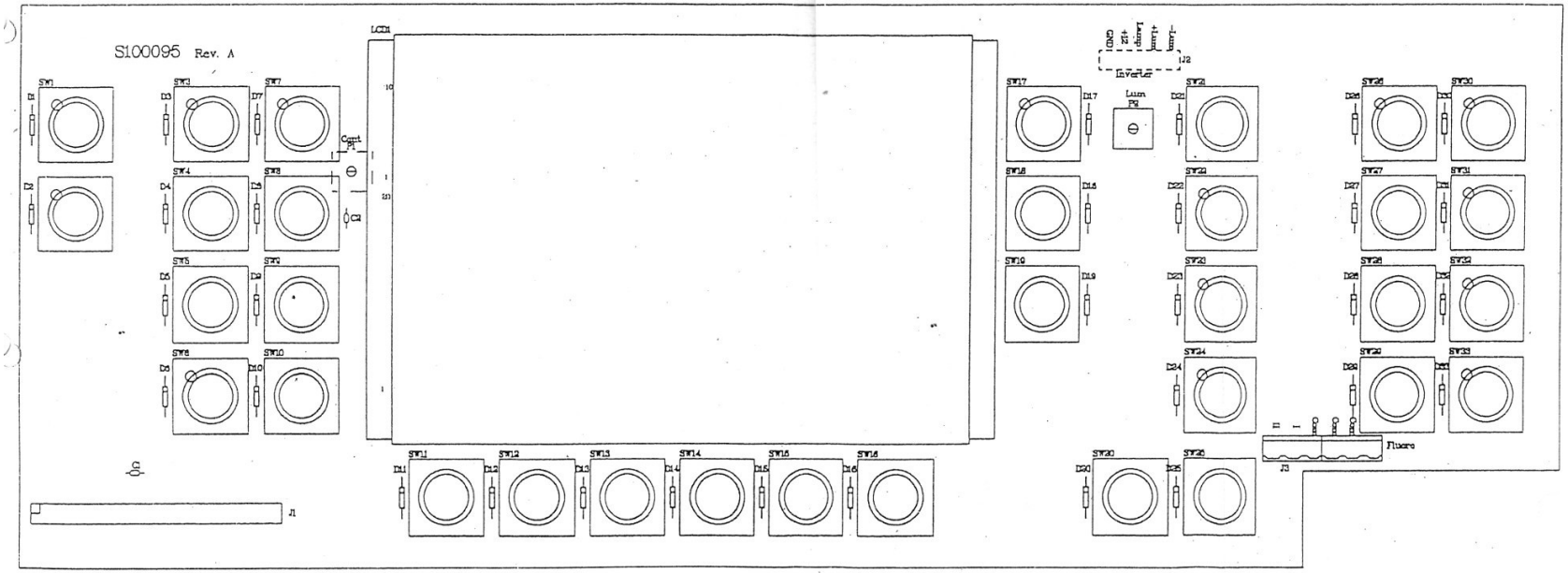



16.5 V
14 VAC
5 V
-5 V
no data connection, but external power supply:
- no display
- no display background light
- but voltages are there
problem: U6
got hot, strange voltages
TP1 5 V
TP2 GND
TP3 -5 V
TP4 12 V
S000075
Consolle LCD , Led & Key
Size: A3
Number: S100075
Revision: A

Cod. E 68 S 84
SCHEDA MICROP. LCD S100075/A




J3
17 Fluoro
18 II° Time
15 I° Time
16 Com.
6
1
2
3-4-5
SW0 D1 SW1 ON
SW1 D2 SW2 OFF
SW3 D17 SW17 BUCKY
SW4 D18 SW18 SF/LF
SW5 D19 SW19 RAD/FLU
5 X 1N4148
SW0 D11 SW11 DW KV
SW1 D12 SW12 UP KV
SW2 D13 SW13 DW mA
SW3 D14 SW14 UP mA
SW4 D15 SW15 DW SEC
SW5 D16 SW16 UP SEC
6 X 1N4148
SW0 D3 SW3
SW2 D4 SW4 DW KV FL
SW4 D5 SW5 DW mA FL
SW6 D6 SW6 BUCKY
SW1 D7 SW7
SW3 D8 SW8 UP KV FL
SW5 D9 SW9 UP mA FL
SW7 D10 SW10 RESET FL
8 X 1N4148
SW7 D20 SW20 DW DENS
SW0 D21 SW21 SCREEN
SW1 D22 SW23 FIELD II°
SW2 D23 SW22 FIELD I°
SW3 D24 SW24 FIELD III°
SW5 D25 SW25 UP DENS
6 X 1N4148
SW0 SW1 SW2 SW3 SW4 SW5 SW6 SW7
SET0 SET1 SET2 SET3 SET4 SEL0 SEL1
LE0 LE1 LE2 LE3 LE4 LE5 LE6 LE7
LE5 L22 FIELD
LE6 L23 FIELD
LE7 L24 FIELD
LE0 L28 TA
LE1 L30 SMALL
LE2 L31 MEDIUM
LE3 L32 LARGE
LE4 L33 PROFIL
LE0 L1 ON
LE1 L2 OFF
LE2 L3 READY
LE3 L6 BUCKY
LE4 L7 RX
LE5 L17 BUCKY
SW5 D26 SW26 DW AT
SW3 D27 SW27 UP AT
SW0 D28 SW28 AT
SW7 D29 SW29 STORE
SW1 D30 SW30 SMALL
SW2 D31 SW31 MEDIUM
SW4 D32 SW32 LARGE
SW6 D33 SW33 PROFIL
8 X 1N4148
LAMP
+12V
GND
10K P2
J2
INVERTER
V LAMP
V LAMP
C1 100nF
C2 100nF
10K P1
J2
LCD
+V
-V
RESET
CSL
RS
E
R/W
DL0 DL1 DL2 DL3 DL4 DL5 DL6 DL7
A3 A1 A2 A17 A16 A15 A4 A6 A5 A7 A8 A9 A10 A11 A12 A13 A14
Title CONSOLE LCD
Size B
Number S000095
Revision
Date: 16-Apr-2002
File: C:\CLIENT\S000095.SCH
Sheet of
Drawn By:


S100095 Rev. A
LCD1
SW1
SW2
SW7
SW4
SW3
SW5
SW9
SW6
SW10
Cont
P1
C1
J1
SW11
SW12
SW13
SW14
SW15
SW16
SW17
SW18
SW19
SW21
SW22
SW23
SW24
SW25
SW26
SW27
SW28
SW29
SW30
SW31
SW32
SW33
Lum
P2
J2
GND
+12
Lamp-
Lamp+
Inverter
SW20
SW26
J3
Fluoro